

FUTENMA B546

Work plan

AFFF Simulation foam provision, tank extraction, flushing .Hangar prep & cleanup.

JANUARY 30th & 31th 2017

EXISTING FOAM CONCENTRATE TANK DISCHARGE (CHART 1)

- USE 200L DRUM CAN (14 EACH)
- USE BLUE SHEETING TO COVER POOL SIZED 3M x 4M x 0.5M
- PLACE A PUMP AND DRUM CAN
- INSERT SUCTION HOSE TO FOAM TANK DRAIN VALVE
- ACTIVATE PUMP AND DISCHARGE IT INTO DRUM CAN VERY CAREFULLY

* LOW LEVEL SWITCH IS ACTIVATED. PANEL OPERATION IS REQUIRED.

- COVER THE WHOLE DRUM CAN WITH BLUE SHEETING AFTER FINISH WORK

CLEANING INSIDE OF FOAM CONCENTRATE TANK

- MEASURE THE INSIDE OF TANK WITH OXYMETER
- AFTER CONFIRMED SAFETY, GO INTO THE TANK AND WIPE UP THE FOAM WITH WES
- CLEAN UP THE TANK WITH WATER, AND DRAIN IT TO DRUM CAN

PREPARING AT HANGAR (CHART 2)

- COVER HANGAR WITH VENEER TO NOT LET WASTE WATER OUT
- PRESSURE GAGE MOUNTING (WELDING OPERATION)

CHART 1

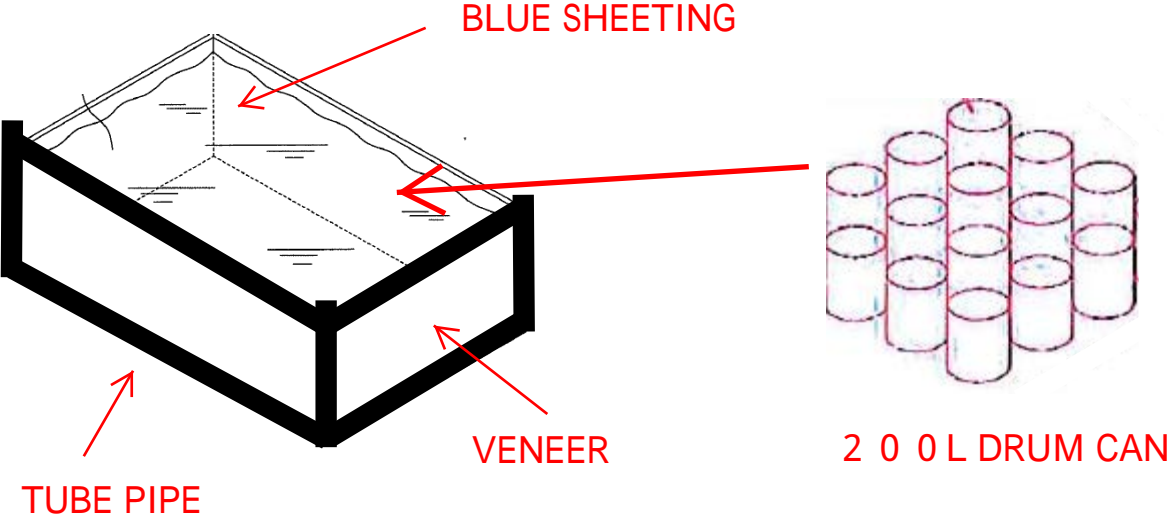


CHART 2

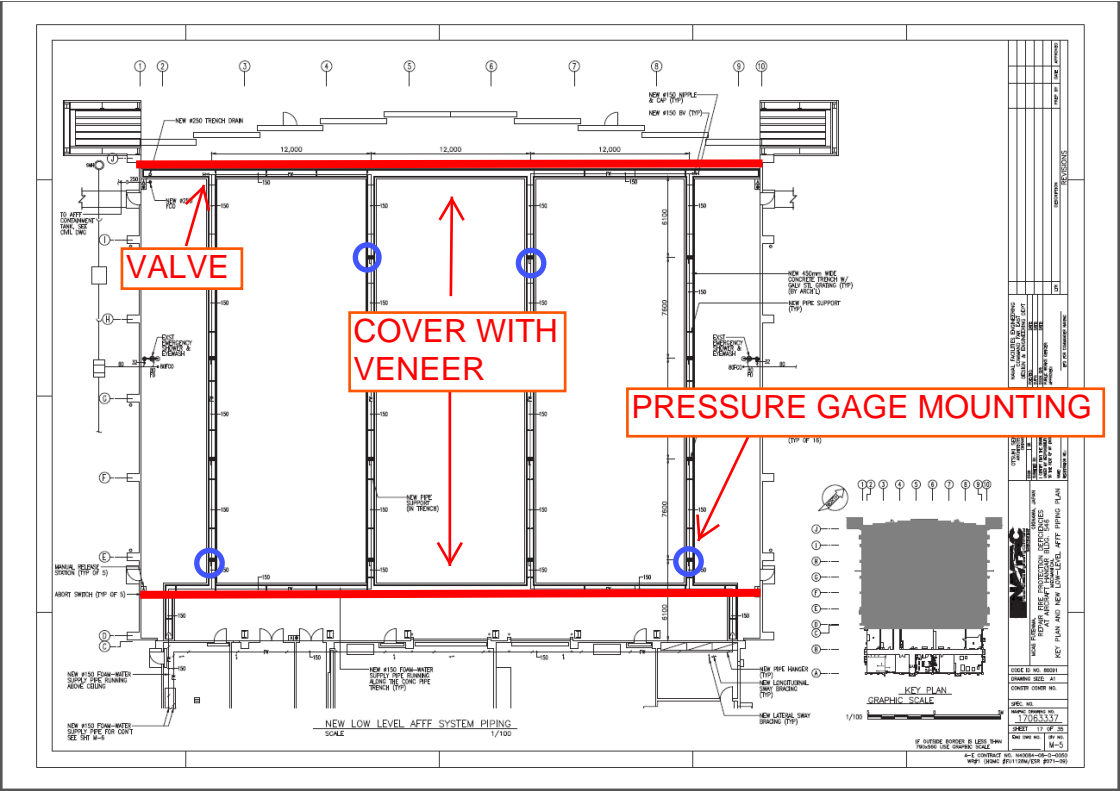


CHART 3

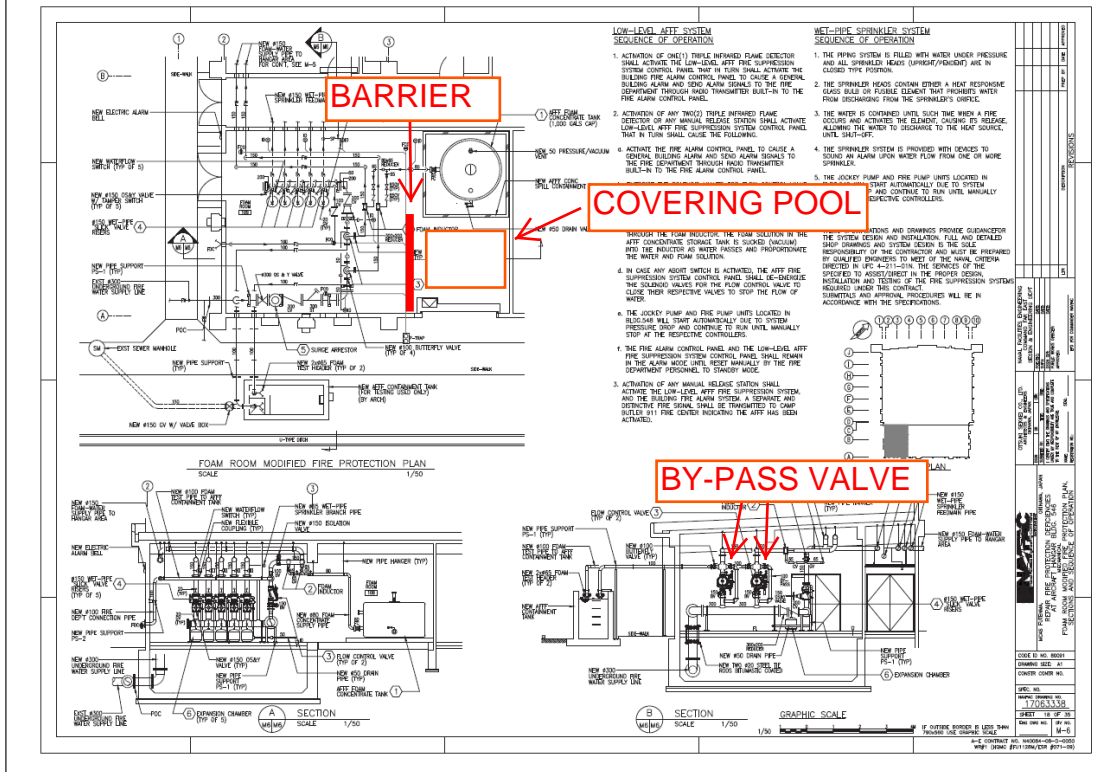
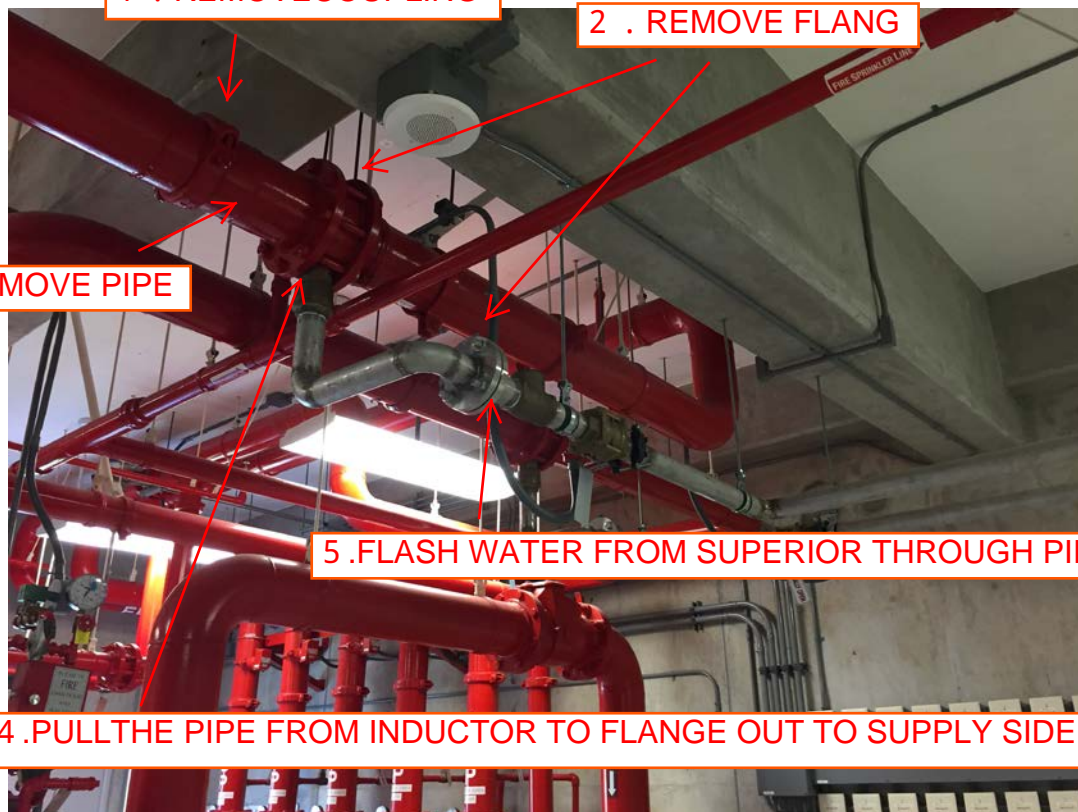


CHART 4



FEBRUARY 1TH 2017

FOAM WATER PIPE FLASHING (CHART 3)

*FIRE ALARM PANEL, B548 PUMP ACTIVATES DURING FLASHING.

PUMP, VALVE AND PANEL OPERATION ON THE GVERNEMENT SIDE WILL BE REQUIRED.

- OPEN THE BY-PASS VALVE AND RUN WATER (CHART 3)
- OPEN VALVE AND FLASH (CHART 2)
- USE DENSITOMETER AND FLASH UNTILL IT BECOMES STANDARD VALUE OR LOWER
- DRAIN WATER TO AFFF CONTAINMENT TANK AND TRANSFER WATER WITH PUMPER FOR DISPOSAL

FOAM CONCENTRATE PIPE FLASHING (CHART 4)

1. REMOVE COUPLING
2. REMOVE FLANGE
3. REMOVE PIPE
4. PULL OUT THE STEN PIPE BETWEEN INDUCTOR AND FLANGE TO THE SUPPLY SIDE
5. FLASH WATER FROM SUPERIOR THROUGH PIPE, CLEAN TANK AND DRAIN TO DRUM CAN

FEBRUARY 2TH 2017

SIMULATION TESTING FOAM FOR AFFF 3% FOAM TESTING

- TEST IT BY USING SIMULATION TESTING FOAM
- DRAIN TO AFFF CONTAINMENT TANK AND DISCHARGE BY USING PUMP
- CLEAN HANGAR AFTER FINISHING TEST

FEBRUARY 3TH 2017

- RETURN THE EXISTING FOAM CONCENTRATE TO THE TANK
- CLEAN THE FOAM ROOM